









































## Appendix C): Maximum Conduct Output Power

### Result Table

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11A	Ant1	5180	17.19	17.32	PASS
11A	Ant2	5180	17.02	17.15	PASS
11A	Ant1	5200	17.57	17.7	PASS
11A	Ant2	5200	17.05	17.18	PASS
11A	Ant1	5240	17.2	17.33	PASS
11A	Ant2	5240	16.79	16.92	PASS
11A	Ant1	5260	17.42	17.55	PASS
11A	Ant2	5260	16.18	16.31	PASS
11A	Ant1	5280	17.21	17.34	PASS
11A	Ant2	5280	16.41	16.54	PASS
11A	Ant1	5320	17.45	17.58	PASS
11A	Ant2	5320	17.1	17.23	PASS
11A	Ant1	5500	17.27	17.4	PASS
11A	Ant2	5500	16.87	17	PASS
11A	Ant1	5580	17.58	17.71	PASS
11A	Ant2	5580	17.37	17.5	PASS
11A	Ant1	5700	17.38	17.51	PASS
11A	Ant2	5700	17.66	17.79	PASS
11A	Ant1	5745	17.63	17.76	PASS
11A	Ant2	5745	18.02	18.15	PASS
11A	Ant1	5785	18.15	18.28	PASS
11A	Ant2	5785	17.73	17.86	PASS
11A	Ant1	5825	18.01	18.14	PASS
11A	Ant2	5825	17.4	17.53	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11N20SISO	Ant1	5180	16.66	16.79	PASS
11N20SISO	Ant2	5180	14.62	14.75	PASS
11N20SISO	Ant1	5200	16.76	16.89	PASS
11N20SISO	Ant2	5200	14.84	14.97	PASS
11N20SISO	Ant1	5240	16.49	16.62	PASS
11N20SISO	Ant2	5240	14.57	14.7	PASS
11N20SISO	Ant1	5260	16.49	16.62	PASS
11N20SISO	Ant2	5260	14.09	14.22	PASS
11N20SISO	Ant1	5280	16.7	16.83	PASS
11N20SISO	Ant2	5280	14.09	14.23	PASS
11N20SISO	Ant1	5320	17.33	17.46	PASS
11N20SISO	Ant2	5320	14.85	14.98	PASS
11N20SISO	Ant1	5500	16.8	16.93	PASS
11N20SISO	Ant2	5500	15.35	15.48	PASS
11N20SISO	Ant1	5580	17.12	17.25	PASS
11N20SISO	Ant2	5580	15.71	15.84	PASS
11N20SISO	Ant1	5700	16.44	16.57	PASS
11N20SISO	Ant2	5700	16.75	16.88	PASS
11N20SISO	Ant1	5745	15.43	15.56	PASS
11N20SISO	Ant2	5745	16.59	16.72	PASS
11N20SISO	Ant1	5785	15.24	15.37	PASS
11N20SISO	Ant2	5785	16.26	16.39	PASS
11N20SISO	Ant1	5825	15.12	15.25	PASS
11N20SISO	Ant2	5825	16.16	16.29	PASS
11N40SISO	Ant1	5190	16.91	17.16	PASS
11N40SISO	Ant2	5190	14.99	15.26	PASS
11N40SISO	Ant1	5230	16.79	17.06	PASS
11N40SISO	Ant2	5230	14.46	14.73	PASS
11N40SISO	Ant1	5270	16.78	17.05	PASS



11N40SISO	Ant2	5270	14.15	14.42	PASS
11N40SISO	Ant1	5310	17.48	17.75	PASS
11N40SISO	Ant2	5310	15.03	15.3	PASS
11N40SISO	Ant1	5510	16.76	17.03	PASS
11N40SISO	Ant2	5510	15.25	15.52	PASS
11N40SISO	Ant1	5550	17.19	17.46	PASS
11N40SISO	Ant2	5550	15.51	15.78	PASS
11N40SISO	Ant1	5670	15.95	16.22	PASS
11N40SISO	Ant2	5670	15.82	16.07	PASS
11N40SISO	Ant1	5755	16.3	16.57	PASS
11N40SISO	Ant2	5755	16.44	16.71	PASS
11N40SISO	Ant1	5795	15.84	16.09	PASS
11N40SISO	Ant2	5795	16.49	16.76	PASS

**Remark:** Duty Factor(dB) = 10 \* Log(1/Duty Cycle)

Av. Power(dBm) = Meas. Level(dBm) + Duty Factor(dB)

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11AC20SISO	Ant1	5180	15.1	15.23	PASS
11AC20SISO	Ant2	5180	14.49	14.62	PASS
11AC20SISO	Ant1	5200	14.99	15.12	PASS
11AC20SISO	Ant2	5200	14.66	14.79	PASS
11AC20SISO	Ant1	5240	15.84	15.97	PASS
11AC20SISO	Ant2	5240	14.38	14.51	PASS
11AC20SISO	Ant1	5260	16.65	16.78	PASS
11AC20SISO	Ant2	5260	14.03	14.16	PASS
11AC20SISO	Ant1	5280	17	17.13	PASS
11AC20SISO	Ant2	5280	14.13	14.26	PASS
11AC20SISO	Ant1	5320	17.39	17.52	PASS
11AC20SISO	Ant2	5320	14.75	14.88	PASS
11AC20SISO	Ant1	5500	16.47	16.6	PASS
11AC20SISO	Ant2	5500	15.35	15.48	PASS
11AC20SISO	Ant1	5580	16.81	16.94	PASS
11AC20SISO	Ant2	5580	15.81	15.94	PASS
11AC20SISO	Ant1	5700	16.18	16.31	PASS
11AC20SISO	Ant2	5700	16.51	16.64	PASS
11AC20SISO	Ant1	5745	15.68	15.81	PASS
11AC20SISO	Ant2	5745	16.19	16.32	PASS
11AC20SISO	Ant1	5785	14.1	14.23	PASS
11AC20SISO	Ant2	5785	16.41	16.54	PASS
11AC20SISO	Ant1	5825	15.22	15.35	PASS
11AC20SISO	Ant2	5825	16.12	16.25	PASS
11AC40SISO	Ant1	5190	16.6	16.86	PASS
11AC40SISO	Ant2	5190	14.42	14.68	PASS
11AC40SISO	Ant1	5230	16.59	16.85	PASS
11AC40SISO	Ant2	5230	13.96	14.22	PASS
11AC40SISO	Ant1	5270	14.66	14.92	PASS

11AC40SISO	Ant2	5270	13.3	13.56	PASS
11AC40SISO	Ant1	5310	15.4	15.65	PASS
11AC40SISO	Ant2	5310	13.95	14.21	PASS
11AC40SISO	Ant1	5510	14.09	14.35	PASS
11AC40SISO	Ant2	5510	14.38	14.64	PASS
11AC40SISO	Ant1	5550	14.13	14.39	PASS
11AC40SISO	Ant2	5550	14.74	15	PASS
11AC40SISO	Ant1	5670	13.58	13.84	PASS
11AC40SISO	Ant2	5670	15.1	15.36	PASS
11AC40SISO	Ant1	5755	15.34	15.6	PASS
11AC40SISO	Ant2	5755	15.92	16.17	PASS
11AC40SISO	Ant1	5795	15.75	16.01	PASS
11AC40SISO	Ant2	5795	16.19	16.45	PASS
11AC80SISO	Ant1	5210	11.19	11.71	PASS
11AC80SISO	Ant2	5210	9.06	10.18	PASS
11AC80SISO	Ant1	5290	10.32	10.84	PASS
11AC80SISO	Ant2	5290	8.78	9.3	PASS
11AC80SISO	Ant1	5530	9.15	9.67	PASS
11AC80SISO	Ant2	5530	9.53	10.05	PASS
11AC80SISO	Ant1	5775	10.17	10.69	PASS
11AC80SISO	Ant2	5775	10.67	11.19	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11N20MIMO	Ant1	5180	14.83	15.09	PASS
11N20MIMO	Ant2	5180	13.3	13.56	PASS
11N20MIMO	Ant1+2	5180	17.14	17.40	PASS
11N20MIMO	Ant1	5200	14.84	15.1	PASS
11N20MIMO	Ant2	5200	13.36	13.62	PASS
11N20MIMO	Ant1+2	5200	17.17	17.43	PASS
11N20MIMO	Ant1	5240	14.59	14.85	PASS
11N20MIMO	Ant2	5240	13.09	13.35	PASS
11N20MIMO	Ant1+2	5240	16.91	17.17	PASS
11N20MIMO	Ant1	5260	12.58	12.71	PASS
11N20MIMO	Ant2	5260	16.12	16.25	PASS
11N20MIMO	Ant1+2	5260	17.71	17.84	PASS
11N20MIMO	Ant1	5280	14.86	15.12	PASS
11N20MIMO	Ant2	5280	12.69	12.95	PASS
11N20MIMO	Ant1+2	5280	16.92	17.18	PASS
11N20MIMO	Ant1	5320	15.17	15.43	PASS
11N20MIMO	Ant2	5320	12.95	13.21	PASS
11N20MIMO	Ant1+2	5320	17.21	17.47	PASS
11N20MIMO	Ant1	5500	13.58	13.71	PASS
11N20MIMO	Ant2	5500	15.61	15.74	PASS
11N20MIMO	Ant 1+2	5500	17.72	17.85	PASS
11N20MIMO	Ant1	5580	12.96	13.09	PASS
11N20MIMO	Ant2	5580	15.47	15.61	PASS
11N20MIMO	Ant1+2	5580	17.40	17.54	PASS
11N20MIMO	Ant1	5700	12.92	13.05	PASS
11N20MIMO	Ant2	5700	15.94	16.07	PASS
11N20MIMO	Ant1+2	5700	17.70	17.83	PASS
11N20MIMO	Ant1	5745	14.16	14.29	PASS
11N20MIMO	Ant2	5745	17.09	17.22	PASS



11N20MIMO	Ant 1+2	5745	18.88	19.01	PASS
11N20MIMO	Ant1	5785	15.22	15.36	PASS
11N20MIMO	Ant2	5785	17.95	18.08	PASS
11N20MIMO	Ant1+2	5785	19.81	19.94	PASS
11N20MIMO	Ant1	5825	14.63	14.76	PASS
11N20MIMO	Ant2	5825	17.07	17.2	PASS
11N20MIMO	Ant1+2	5825	19.03	19.16	PASS
11N40MIMO	Ant1	5190	15.61	15.88	PASS
11N40MIMO	Ant2	5190	15.85	16.12	PASS
11N40MIMO	Ant1+2	5190	18.74	19.01	PASS
11N40MIMO	Ant1	5230	15.39	15.66	PASS
11N40MIMO	Ant2	5230	15.45	15.72	PASS
11N40MIMO	Ant1+2	5230	18.43	18.70	PASS
11N40MIMO	Ant1	5270	15.65	15.92	PASS
11N40MIMO	Ant2	5270	15.23	15.5	PASS
11N40MIMO	Ant1+2	5270	18.46	18.73	PASS
11N40MIMO	Ant1	5310	16.63	16.9	PASS
11N40MIMO	Ant2	5310	16.07	16.34	PASS
11N40MIMO	Ant1+2	5310	19.37	19.64	PASS
11N40MIMO	Ant1	5510	14.7	14.97	PASS
11N40MIMO	Ant2	5510	16.35	16.62	PASS
11N40MIMO	Ant1+2	5510	18.61	18.88	PASS
11N40MIMO	Ant1	5550	14.63	14.9	PASS
11N40MIMO	Ant2	5550	16.88	17.15	PASS
11N40MIMO	Ant1+2	5550	18.91	19.18	PASS
11N40MIMO	Ant1	5670	13.8	14.07	PASS
11N40MIMO	Ant2	5670	16.77	17.04	PASS
11N40MIMO	Ant1+2	5670	18.54	18.81	PASS
11N40MIMO	Ant1	5755	15.01	15.28	PASS
11N40MIMO	Ant2	5755	17.46	17.73	PASS
11N40MIMO	Ant1+2	5755	19.42	19.69	PASS

11N40MIMO	Ant1	5795	15.31	15.58	PASS
11N40MIMO	Ant2	5795	17.52	17.79	PASS
11N40MIMO	Ant1+2	5795	19.56	19.83	PASS

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11AC20MIMO	Ant1	5180	15.05	15.18	PASS
11AC20MIMO	Ant2	5180	13.96	14.09	PASS
11AC20MIMO	Ant 1+2	5180	17.55	17.68	PASS
11AC20MIMO	Ant1	5200	15.04	15.18	PASS
11AC20MIMO	Ant2	5200	14.19	14.32	PASS
11AC20MIMO	Ant 1+2	5200	17.65	17.78	PASS
11AC20MIMO	Ant1	5240	14.98	15.11	PASS
11AC20MIMO	Ant2	5240	13.92	14.05	PASS
11AC20MIMO	Ant 1+2	5240	17.49	17.62	PASS
11AC20MIMO	Ant1	5260	15.53	15.66	PASS
11AC20MIMO	Ant2	5260	14.24	14.37	PASS
11AC20MIMO	Ant1+2	5260	17.94	18.07	PASS
11AC20MIMO	Ant1	5280	15.74	15.87	PASS
11AC20MIMO	Ant2	5280	14.45	14.58	PASS
11AC20MIMO	Ant1+2	5280	18.15	18.28	PASS
11AC20MIMO	Ant1	5320	15.4	15.53	PASS
11AC20MIMO	Ant2	5320	13.95	14.08	PASS
11AC20MIMO	Ant1+2	5320	17.75	17.88	PASS
11AC20MIMO	Ant1	5500	14.98	15.11	PASS
11AC20MIMO	Ant2	5500	14.8	14.93	PASS
11AC20MIMO	Ant 1+2	5500	17.90	18.03	PASS
11AC20MIMO	Ant1	5580	14.93	15.06	PASS
11AC20MIMO	Ant2	5580	14.86	14.99	PASS
11AC20MIMO	Ant1+2	5580	17.91	18.04	PASS
11AC20MIMO	Ant1	5700	14.29	14.42	PASS
11AC20MIMO	Ant2	5700	15.27	15.4	PASS
11AC20MIMO	Ant1+2	5700	17.82	17.95	PASS
11AC20MIMO	Ant1	5745	15.65	15.78	PASS
11AC20MIMO	Ant2	5745	17.21	17.34	PASS

11AC20MIMO	Ant 1+2	5745	19.51	19.64	PASS
11AC20MIMO	Ant1	5785	15.65	15.78	PASS
11AC20MIMO	Ant2	5785	17.52	17.65	PASS
11AC20MIMO	Ant 1+2	5785	19.70	19.83	PASS
11AC20MIMO	Ant1	5825	14.08	14.21	PASS
11AC20MIMO	Ant2	5825	11.26	11.39	PASS
11AC20MIMO	Ant 1+2	5825	15.91	16.04	PASS
11AC40MIMO	Ant1	5190	16.56	16.82	PASS
11AC40MIMO	Ant2	5190	15.49	15.75	PASS
11AC40MIMO	Ant 1+2	5190	19.07	19.33	PASS
11AC40MIMO	Ant1	5230	16.81	17.07	PASS
11AC40MIMO	Ant2	5230	15.1	15.36	PASS
11AC40MIMO	Ant 1+2	5230	19.05	19.31	PASS
11AC40MIMO	Ant1	5270	15.24	15.5	PASS
11AC40MIMO	Ant2	5270	14.52	14.77	PASS
11AC40MIMO	Ant1+2	5270	17.91	18.16	PASS
11AC40MIMO	Ant1	5310	16.34	16.6	PASS
11AC40MIMO	Ant2	5310	15.35	15.61	PASS
11AC40MIMO	Ant1+2	5310	18.88	19.14	PASS
11AC40MIMO	Ant1	5510	15.05	15.31	PASS
11AC40MIMO	Ant2	5510	15.85	16.11	PASS
11AC40MIMO	Ant1+2	5510	18.48	18.74	PASS
11AC40MIMO	Ant1	5550	14.91	15.17	PASS
11AC40MIMO	Ant2	5550	16.36	16.62	PASS
11AC40MIMO	Ant1+2	5550	18.71	18.97	PASS
11AC40MIMO	Ant1	5670	13.61	13.87	PASS
11AC40MIMO	Ant2	5670	16.33	16.59	PASS
11AC40MIMO	Ant1+2	5670	18.19	18.45	PASS
11AC40MIMO	Ant1	5755	16.19	16.45	PASS
11AC40MIMO	Ant2	5755	17.2	17.46	PASS
11AC40MIMO	Ant 1+2	5755	19.73	19.99	PASS



11AC40MIMO	Ant1	5795	16.49	16.75	PASS
11AC40MIMO	Ant2	5795	17.02	17.28	PASS
11AC40MIMO	Ant 1+2	5795	19.77	20.03	PASS
11AC80MIMO	Ant1	5210	11.15	12.27	PASS
11AC80MIMO	Ant2	5210	9.51	10.03	PASS
11AC80MIMO	Ant 1+2	5210	13.42	14.30	PASS
11AC80MIMO	Ant1	5290	10.68	11.8	PASS
11AC80MIMO	Ant2	5290	9.36	9.88	PASS
11AC80MIMO	Ant 1+2	5290	13.08	13.96	PASS
11AC80MIMO	Ant1	5530	9.61	10.83	PASS
11AC80MIMO	Ant2	5530	10.23	10.75	PASS
11AC80MIMO	Ant 1+2	5530	12.94	13.80	PASS
11AC80MIMO	Ant1	5775	10.93	12.05	PASS
11AC80MIMO	Ant2	5775	11.31	11.83	PASS
11AC80MIMO	Ant 1+2	5775	14.13	14.95	PASS

**Test Graph**





















